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<b>TRANSMITTAL LETTER</b> (General - Patent Pending)		Docket No. 17581	
In Re Application Of: John Smit			
Serial No. 09/743,731	Filing Date April 25, 2001	Examiner D. J. Steadman	Group Art Unit 1652
Title: CLEAVAGE OF CAULOBACTER PRODUCED RECOMBINANT FUSION PROTEINS			
<p style="text-align: center;"><u>TO THE COMMISSIONER FOR PATENTS:</u></p> <p>Transmitted herewith is:</p> <p style="padding-left: 40px;">Revocation of Power of Attorney and Grant of New Power of Attorney and Change of Address</p> <p>in the above identified application.</p> <p><input checked="" type="checkbox"/> No additional fee is required.</p> <p><input type="checkbox"/> A check in the amount of _____ is attached.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 19-3886/RCT as described below.</p> <p style="padding-left: 40px;"><input type="checkbox"/> Charge the amount of _____</p> <p style="padding-left: 40px;"><input type="checkbox"/> Credit any overpayment.</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> Charge any additional fee required.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 40px;"><div style="text-align: center;"> Signature</div><div>Dated: May 11, 2004</div></div> <div style="margin-top: 20px;"><b>Frank S. DiGiglio</b> Registration No. 31,346 Scully, Scott, Murphy &amp; Presser 400 Garden City Plaza Garden City, New York 11530 (516) 742-4343</div> <div style="border: 1px solid black; padding: 5px; margin-top: 20px; width: fit-content;"><p>I certify that this document and fee is being deposited on May 11, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p><div style="text-align: center;"> Signature of Person Mailing Correspondence</div><p style="text-align: center;"><b>Frank S. DiGiglio</b> Typed or Printed Name of Person Mailing Correspondence</p></div>			
cc: FSD/XZ:ab			



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** John Smit

**Examiner:** D. J. Steadman

**Serial No.:** 09/743,731

**Art Unit:** 1652

**Filed:** April 25, 2001

**Docket:** 17581

**For:** CLEAVAGE OF CAULOBACTER  
PRODUCED RECOMBINANT  
FUSION PROTEINS

Commissioner for Patents  
Alexandria, VA 22313-1450

**REVOCATION OF POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY  
AND CHANGE OF CORRESPONDENCE ADDRESS**

Sir:

The undersigned, a representative authorized to sign on behalf of the assignee owning all of the interest in this patent, hereby revokes all previous powers of attorney or authorization of agent granted in this application before the date of execution hereof. The undersigned verifies that Research Corporation Technologies, Inc. is the assignee of the entire right, title, and interest in the above-identified application, as evidenced by an Assignment recorded at Reel 011706, Frame 0496 from the inventor to the University of British Columbia (copy attached), and by an Assignment executed on January 5, 2004 from the University of British Columbia to Research Corporation Technologies, Inc. and filed in the United States Patent and Trademark Office on May 11, 2004 (copy attached). The undersigned hereby grants its power of attorney to Scully, Scott, Murphy & Presser with full power of substitution to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith:

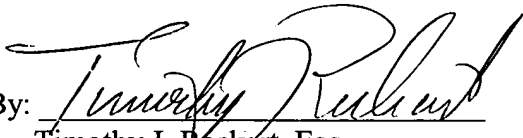
Frank S. DiGiglio; Reg. No. 31,346  
Leopold Presser; Reg. No. 19,827  
William C. Roch; Reg. No. 24,972  
Edward W. Grolz; Reg. No. 33,705  
Peter I. Bernstein; Reg. No. 43,497

Paul J. Esatto, Jr.; Reg. No. 30,749  
John S. Sensny; Reg. No. 28,757  
Mark J. Cohen; Reg. No. 32,211  
Steven Fischman; Reg. No. 34,594  
Thomas Spinelli; Reg. No. 39,533

Please send all future correspondence concerning this application to the following  
address:

Frank S. DiGiglio, Esq.  
SCULLY, SCOTT, MURPHY & PRESSER  
400 Garden City Plaza  
Garden City, New York 11530  
(516) 742-4343

Dated: May 7, 2004

By:   
Timothy J. Beckart, Esq.  
Senior Vice-President & General Counsel  
**Research Corporation Technologies, Inc.**



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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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FISH & RICHARDSON P.C.  
Y. ROCKE  
225 FRANKLIN STREET  
BOSTON, MA 02110-2804

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/16/2001

REEL/FRAME: 011706/0496  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SMIT, JOHN

DOC DATE: 03/08/2001

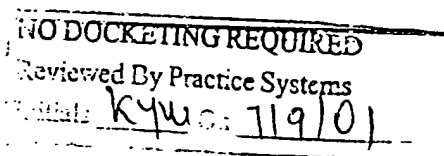
ASSIGNEE:

UNIVERSITY OF BRITISH COLUMBIA,  
THE  
IRC BUILDING, ROOM 331  
2194 HEALTH SCIENCES MALL  
VANCOUVER, BRITISH COLUMBIA,  
CANADA  
V6T 1Z3

SERIAL NUMBER: 09743731  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



RECEIVED

JUL 09 2001

FISH & RICHARDSON, P.C.  
BOSTON OFFICE

## ASSIGNMENT

WHEREAS, John SMIT of 9960 Seacastle Drive, Richmond, British Columbia, CANADA, V7A 4R8 (referred to herein as "the Assignor") is the inventor of an invention entitled CLEAVAGE OF CAULOBACTER PRODUCED RECOMBINANT FUSION PROTEINS that is the subject of the international patent application PCT/CA99/00637 filed July 14, 1999;

AND WHEREAS, The University of British Columbia whose address is IRC Building, Room 331, 2194 Health Sciences Mall, Vancouver, British Columbia, Canada, V6T 1Z3 (referred to herein as "the Assignee") is an applicant named in the aforementioned international patent application and the above-described invention was made by the Assignor while in the employ of the Assignee;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby confirms that the Assignee is entitled to ownership of the above-described invention throughout the world, and the Assignor hereby transfers to the Assignee, any right, title, and interest that the Assignor may now have in respect of the invention throughout the world, including the right to any claim of priority under the International Convention and the right to any patent application filed for the invention throughout the world, including any national phase application based on the aforementioned international application filed in the United States, Canada, or elsewhere, and the right to any continuation or divisional application thereon, and the right to any Letters Patent that may issue therefrom, including the right to any Re-issue application. The Assignor hereby confirms that he will, at the request and expense of the Assignee, execute such further documents and take such action that may be necessary in order to result in issuance of Letters Patent for the invention and to vest title for the same in the Assignee.

Executed at Vancouver, British Columbia, Canada this 8 day of March / 91 2001.

Witness.

Name:

David P. Jones  
Associate Director  
University-Industry Liaison

John Smit

## PATENT DEED OF ASSIGNMENT

**"INVENTOR"** means John Smit, Wade Bingle, and John Nomellini.

**"INVENTION"** means the expression and presentation of proteins by the Caulobacter expression vector technology.

**"APPLICATIONS and PATENTS"** means U.S. Patent Application Serial No. 09/913414, filed 12/06/01; U.S. Patent Application Serial No. 09/743731, filed 1/12/01; U.S. Patent Application Serial No. 10/223597, filed 8/19/02; U.S. Patent Application Serial No. 09/379931, filed 8/24/99.

**"ASSIGNOR"** means University of British Columbia, an educational institution, with offices at #103\_6190 Agronomy Road, Vancouver, British Columbia, Canada V6T 1Z3.

**"RCT"** means Research Corporation Technologies, Inc., a Delaware nonprofit corporation, having a principal place of business at 101 North Wilmot Road, Suite 600, Tucson, Arizona 85711-3365.

1. The INVENTOR made the INVENTION. Each INVENTOR has assigned his or her rights, title and interest in the INVENTION and APPLICATION and PATENTS to the ASSIGNOR, as evidenced in an Assignment recorded in the U.S. Patent and Trademark Office.
2. RCT and the ASSIGNOR are parties to an agreement under which RCT has evaluated and is now attempting to commercialize the INVENTION. As provided in that agreement, RCT is obligated to pay to the ASSIGNOR or ASSIGNOR's designee a share of the revenues generated by the INVENTION.
3. In furtherance of its obligation to RCT, the ASSIGNOR wishes to assign its entire rights, title and interest in the INVENTION and APPLICATIONS and PATENTS to RCT.
4. The ASSIGNOR hereby assigns to RCT its entire right, title and interest in:
  - (a) the INVENTION;
  - (b) the APPLICATIONS and PATENTS, all foreign applications and all divisional and continuation, in whole and in part, applications based on the APPLICATIONS and PATENTS;
  - (c) all patents resulting from the APPLICATIONS and PATENTS and applications described in (b); and
  - (d) all reissues, extensions, renewals and reexaminations of the patents described in (c).
5. This assignment shall allow RCT to file the applications described in Paragraph 4 in its own name and the name of the ASSIGNOR (but naming the INVENTORS as the inventors) in all countries of the world (where it is permissible) and the right to claim the benefit of the priority right provided by the International Convention of 1883, as amended.
6. The ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to issue the entire interest to RCT in U.S. Patent No. 6,210,948; U.S. Patent No. 5,976,864; U.S. Patent No. 5,500,353; and of any additional U.S.

patents described in Paragraph 4 that may be granted.

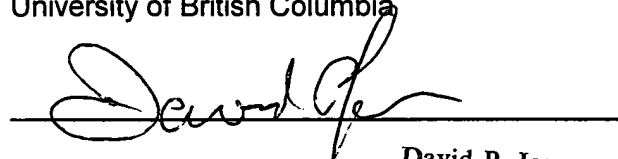
7. The ASSIGNOR agrees to execute any further lawful documents that RCT might consider necessary to fully protect RCT's entire interest in the INVENTION and the documents described in Paragraph 4.

8. The ASSIGNOR covenants that it has not granted any right or license to make, use or sell the INVENTION to anyone other than to RCT.

9. The ASSIGNOR also covenants that it has not encumbered its right, title and interest in the INVENTION or APPLICATIONS and PATENTS, and has not, and will not, sign any document that conflicts with this assignment, except for any rights The Government of the United States of America may have in the INVENTION and APPLICATIONS and PATENTS by reason of sponsorship of research leading to the making of the INVENTION.

Signature for:  
University of British Columbia

Date Jan 5/04



Printed Name David P. Jones  
Associate Director  
University-Industry Liaison

Title \_\_\_\_\_

IRIS HNIK whose full postal address is 103-  
6190 Agronomy Rd., Vancouver, BC V6T 1Z3  
make oath and say

That I was personally present and did see DAVID JONES  
who is personally known to me to be the person named in the attached Assignment, duly sign and execute the same.

Sworn before me at

VANCOUVER, BC

(city or town)  
CANADA

(country)

this 5<sup>th</sup> day of January, 2004  
IRIS HNIK

(Notary Public or Equivalent)

My commission expires DEC 31/04

**IRIS HNIK**  
*Barrister & Solicitor*  
Industry Sponsored Research  
The University of British Columbia

A Notary in and for the Province of British Columbia  
#103 - 6190 Agronomy Road,  
Vancouver, BC V6T 1Z3  
Telephone: 604-822-0362  
Fax: 604-822-8529